


 FORM PTO-1448 U.S. DEPARTMENT OF COMMERCE  
 PATENT AND TRADEMARK OFFICE

 ATTY. DOCKET NO.  
 NATURES.015C3

 APPLICATION NO.  
 16782,645

 INFORMATION DISCLOSURE STATEMENT  
 BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

 APPLICANT  
 G. T. McCarthy

 FILING DATE  
 January 22, 2004

 GROUP  
 Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
EC	1	5,384	12/4/1847	R.A. Tilghman		
	2	144,538	11/11,1873	Harsen		
	3	169,396	11/2/1875	O.G. Ahlstrom		
	4	234,305	05/28/25	Bovey		
	5	476,092	12/01/37	Valente		
	6	783,012	02/21/05	Biedermann et al.		
	7	787,291	unknown	Michiels		
	8	871,059	11/12/07	Douse		
	9	998,146	07/18/11	Alfieri et al.		
	10	1,051,264	5/13/1913	Bys		
	11	1,324,722	12/11/1917	William Bergin		
	12	1,607,857	5/27/1926	F. Zukal		
	13	1,684,714	06/12/27	Perry		
	14	2,241,305	02/27/39	Hill, Jr.		
	15	2,321,009	9/27/1940	O.P. Churchill		
	16	2,343,468	3/7/1944	Messinger		
	17	2,423,571	07/08/47	Wilen		
	18	2,588,363	03/11/52	Corleu		
	19	2,850,487	9/2/1958	Gaetano F. D'Allo		
	20	2,865,033	12/23/1958	D.L. Jayet		
	21	2,889,563	6/9/1959	E.W. Lamb, et. al.		
	22	2,903,719	9/15/1959	J.L. Wozencraft		
	23	2,950,487	08/30/60	Woods		
	24	3,019,458	2/5/1962	E. De Barbieri, et. al.		
	25	3,055,025	9/25/1962	L. Ferraro, et. al.		
	26	3,082,442	3/25/1963	Cousteau, et. al.		
	27	3,084,355	04/09/63	Ciccotelli		

COPY

EXAMINER	DATE CONSIDERED
	6/9/01

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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MAR 19 2005  
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SHEET 2 OF 8

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.015C3	APPLICATION NO. 10762,640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Peter T. McCarthy	
(USE SEVERAL SHEETS IF NECESSARY)		FILED DATE January 22, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE (IF APPROPRIATE)
ELS	28	3,086,492	04/23/63	Holley		
	29	3,109,495	11/5/63	Lang		
	30	3,112,503	12/3/1963	B.B. Girden		
	31	3,171,142	3/2/1965	Auzols		
	32	3,239,857	3/15/1966	Frederick H. Gwynne		
	33	3,256,540	6/21/1966	Novelli		
	34	3,411,165	11/19/68	Murdoch		
	35	3,422,470	01/21/69	Mares		
	36	3,453,961	07/08/69	Gause		
	37	3,491,997	01/27/70	Winters		
	38	3,665,535	5/30/1972	Picken		
	39	3,773,011	11/26/73	Gronier		
	40	3,810,269	5/14/74	Tabata		
	41	3,922,741	12/02/75	Semeia		
	42	3,934,260	01/27/76	Le Vasseur		
	43	3,952,351	04/27/76	Gisbert		
	44	4,007,506	2/15/1977	Rasmussen		
	45	4,025,977	5/31/1977	Cronin		
	46	4,083,071	04/11/78	Forjat		
	47	4,193,371	03/18/80	Baulard-Caugan		
	48	4,197,869	04/15/80	Moncrieff-Yeates		
	49	4,209,866	7/11/1980	Loeffler		
	50	4,342,558	08/03/82	Wilson		
	51	4,521,220	06/04/85	Schools		
	52	4,541,810	09/17/85	Wenzel		
	53	4,657,515	4/14/1987	Ciccatelli		
	54	4,688,029	8/25/1987	Ciccatelli		


COPY

EXAMINER	DATE CONSIDERED
	6/8/04

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPER 606; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.015C3	APPLICATION NO. 10762,640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILED DATE January 22, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE (IF APPROPRIATE)
✓	55	4,738,645	04/19/88	Garofalo		
✓	56	4,752,259	6/21/1988	Tackett, et. al.		
✓	57	4,773,885	9/27/1988	Ciccotelli		
✓	58	4,775,343	10/4/1988	Lamont, et. al.		
✓	59	4,781,637	11/01/88	Caires		
✓	60	4,820,218	04/11/89	Van de Pol		
✓	61	4,857,024	08/15/89	Evans		
✓	62	4,869,696	9/26/1989	Ciccotelli		
✓	63	4,895,537	1/23/1990	Ciccotelli		
✓	64	4,929,206	5/29/1990	Evans		
✓	65	4,934,971	06/19/90	Picken		
✓	66	4,940,437	07/10/90	Platt		
✓	67	4,944,703	07/31/90	Mosler		
✓	68	4,954,111	09/04/90	Crassi		
✓	69	4,954,112	09/04/90	Negrini et. al.		
✓	70	5,163,859	11/17/92	Beltrani, et. al.		
✓	71	5,304,081	4/19/1994	Takizawa		
✓	72	5,324,219	06/28/94	Beltrani et. al.		
✓	73	5,356,323	10/18/94	Evans		
✓	74	5,358,439	10/25/94	Paolo		
✓	75	5,374,210	12/20/94	Sardella		
✓	76	5,387,145	2/7/1995	Wagner		
✓	77	5,417,599	05/23/95	Evans		
✓	78	5,429,536	7/4/1995	Evans		
✓	79	5,435,764	7/25/1995	Testa, et. al.		
✓	80	5,443,593	8/22/1995	Garofalo		
✓	81	5,522,748	6/4/1996	Crassi		

EXAMINER 	DATE CONSIDERED 6/8/04
<small>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</small>	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.019C3	APPLICATION NO. 10762,640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE January 22, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ELS	82 5,527,197	6/18/1996	Evans			
	83 5,533,918	7/9/1996	Sanders			
	84 5,595,518	1/21/1997	Ours			
	85 5,597,336	1/28/1997	Evans			
	86 5,634,613	6/3/97	McCarthy			
	87 5,746,631	5/5/1998	McCarthy			
	88 5,810,629	9/22/1998	Parr			
	89 6,050,868	4/18/00	McCarthy			
	90 6,053,788	4/25/00	Garofalo			
	91 6,095,879	8/2000	McCarthy			
	92 6,126,503	10/3/00	Viale, et al.			
	93 6,146,224	11/14/00	McCarthy			
	94 6,290,561 B1	9/18/01	Garofalo et al.			
	95 6,364,728 B1	4/2/02	Viale et al.			
	96 6,371,821	4/16/02	McCarthy			
	97 6,413,133 B1	7/2/02	McCarthy			
	98 6,462,059 B2	11/19/02	McCarthy			
	99 6,497,597	12/24/02	McCarthy			
	100 6,585,548	7/1/03	McCarthy			
	101 6,607,411	8/19/03	McCarthy			
	102 Des. 278,165	3/26/1985	Evans			
	103 Des. 302,999	8/22/1989	McCredie			
	104 Des. 327,933	7/14/1992	Evans			
	105 Des. 327,934	7/14/1992	Evans			
	106 Des. 327,935	7/14/1992	Evans			
	107 Des. 328,118	7/21/1992	Evans			
	108 Des. 340,272	10/12/1993	Evans			


EXAMINER	DATE CONSIDERED
	6/8/04

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 802. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.015C3	APPLICATION NO. 10782640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE January 22, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ses	109	Des. 353,181	12/6/1994	Evans			
	110	Des. 393,684	4/21/1998	Lin			
	111	Des. 398,897	8/11/1998	Evans			
	112	Des. 404,456	1/19/1999	Evans			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
ses	113	1501208	Nov 1967	France				
	114	DD 259 353 A	08/24/88	Germany				
	115	FR 2574 748 A	06/20/86	France				
	116	JP62 134395	06/17/87	Japan				
	117	SU 1323 463 A	03/13/86	Soviet Union				
	118	0 308 998	03/29/89	Europe				
	119	DE 3438608	04/24/86	Germany				
	120	2 058 941	1971	France				
	121	2 213 072	1974	France				
	122	625377	09/19/61	ITALY (with Certified Translation)			X	
	123	1.245.395	9/26/60	FRANCE (with Certified Translation)			X	
	124	17,033	1890	England				
	125	787,291	1935	France				
	126	553307	1956	Italy				
	127	61-6097	1986	Japan				
	128	1,075 997	1960	Germany (with Certified Translation)			X	
	129	1284765	1972	Great Britain				
	130	2 543 641	1983	France (with certified translation)			X	
	131	234305	5/28/1925	Great Britain				

EXAMINER	DATE CONSIDERED
	6/18/04
<small>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED; INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</small>	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.01563	APPLICATION NO. 10782,840
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE January 22, 2004	GROUP Unknown

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
605	132	2,490,498	3/26/82	France			
327	133	1,208,635	1959	France			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
605	134	Rossier, Robert N., entitled, "Moving Forward - Getting your best kick in the water can come from a combination of design, efficiency and hydrodynamics in fins". ALERT DIVER, Nov-Dec 1997, pages 26 - 28.
	135	Triantafyllou, Michael S. and Triantafyllou George S., entitled, "An Efficient Swimming Machine". SCIENTIFIC AMERICAN, March 1995, pages 64-70.
	136	"3302 of 1860" (Picture From Book-Found in USPTO)
	137	"Test Dive" Article in Jan/Feb 1996 issue of Sport Diver Magazine
	138	"Oceanic V-Drive Fins" in May/Jun. 1996 issue of Sport Diver Magazine
	139	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 555-559
	140	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 557-559
	141	Grantz and Marchman III "Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", <i>Journal of Aircraft</i> Vol. 20, No. 2, pp. 165-169
	142	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" <i>Journal of Aircraft</i> , Vol. 20, No. 12, pp. 1062-1067
	143	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, Aerospace America.
	144	"BZ" bodysurfing fin (Picture), 1 <sup>st</sup> production in 1990
	145	"Blade Pro" bodysurfing fin (Picture), 1 <sup>st</sup> production 1991
	146	"Wave Rebel" bodysurfing fin (Picture), 1 <sup>st</sup> production 1994
	147	Art. 1400 Pinna "Professional" Fin (1989)

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EXAMINER	DATE CONSIDERED
	6/6/04

EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.